

IN THE SPECIFICATION

The paragraph on page 11, beginning at line 7 has been amended as follows:

A1
-- The network server 180 is a server that acts as a network gateway to provide interface to the network 150. The central authority 185 is an authority (e.g., local government, public utility) or station that receives the information sent by the transmitters. For E911 applications, the central authority ~~190~~ 185 is the Public Safety Answering Point (PSAP) and the information embedded in the signals includes the automatic number identification (ANI) and the automatic location identification (ALI). In environmental reporting applications, the central authority 185 may be an environmental data gathering agency that collects environmental data and distributes to news agencies or other environmental agencies. In remote metering reading applications, the central authority 185 may be a public utility agency that collects the meter readings of utilities and records for load balancing, load monitoring, or billing purposes.--

The paragraph on page 14, beginning at line 18 has been amended as follows:

A2
-- The information message 240 is any message that is to be sent to network ~~175~~ 150 according to the application in which this invention is practiced. There are numerous applications that the remote communication technique in this invention can be used. Some examples of these applications include emergency reporting (e.g., E911), geographical location reporting, geographical location verification, information gathering, environmental conditions reporting, remote meter reading, electronic commerce, commercial transactions, and intrusion detection.--

The paragraph on page 18, beginning at line 14 has been amended as follows:

A3
-- The telephony interface 420 provides telephony services to the call device 410. The telephony interface ~~120~~ 420 is optional in some instances. The telephony services include multimedia interface for voice over Internet Protocol (IP) or any other protocols. The telephony interface ~~120~~ 420 may include a router, a gateway, or a private branch exchange (PBX) with IP telephony capabilities. The PBX routes the call made by the call device 410 through the server 430 via some programmed trunk interface. In another embodiment, the telephony interface 420 may be a device to listen to the dialed tone, or call setup signaling and detect if a certain number (e.g., 911) has been called.--